TOPOLOGY AND ITS APPLICATIONS
VOLUME 54, NUMBERS 1–3, 22 DECEMBER 1993
SPECIAL VOLUME
3RD SOVIET-JAPAN JOINT SYMPOSIUM OF TOPOLOGY

Abstracted / Indexed in: Mathematical Reviews.

Contents

Preface 1

A.N. Dranišnikov and D. Repovš
On unstable intersections of 2-dimensional compacta in Euclidean 4-space 3

J. Terasawa
A construction of topological spaces rigid for continuous onto maps – an application of Shelah's Lemma 13

R.V. Plykin and A.Ju. Zhirov
Some problems of attractors of dynamical systems 19

K. Moriyasu and M. Oka
The creation of homoclinic points of C^1-maps 47

K. Tsuda and S. Watson
A universal space for closed images of rationals 65

D. Repovš, P.V. Semenov and E.V. Ščepin
On zero-dimensional Milutin maps and Michael selection theorems 77

S. Nakanishi
Completions of ranked spaces and their applications to the study of nonabsolute integrals 85

B.A. Pasynkov
On inverse systems and cardinal functions of topological spaces 97

Y. Yajima
Subnormality of $X \times \kappa$ and Σ-products 111

Y. Hattori
Dimension and superposition of bounded continuous functions on locally compact, separable metric spaces 123

T. Miwa and N. Kemoto
Linearly ordered extensions of GO spaces 133

A.V. Arhangel'skiĭ
A survey of cleavability 141

T. Mizokami
On ϕ-extensions of generalized metric spaces 165

K. Sakai
C^r Axiom A maps having strong transversality 173

M.M. Choban
Some topics in topological algebra 183

T. Nogura, D.B. Shakhmatov and Y. Tanaka
Metrizability of topological groups having weak topologies with respect to good covers 203

D.B. Shakhmatov
A note on transfinite inductive dimensions in topological groups 213

V.V. Fedorchuk
A differentiable manifold with noncoinciding dimensions 221

A. Kameyama
Julia sets and self-similar sets 241

Author Index 253